

# PGY1 Pharmacy Residency

Veterans Affairs North Texas Health Care System

Program Director: Christyn Mullen-Lee, Pharm.D., BCACP



The ASHP-accredited PGY1 pharmacy residency training program is predicated on the knowledge, attitudes, skills, and abilities required for a well-rounded health-system pharmacy practice. The objective of the residency-training program is to prepare each individual pharmacist to face the challenges of their chosen areas of interest in contemporary health-system pharmacy practice. Clinical pharmacy practice areas of program strength include training in adult medicine, ambulatory care, geriatrics and pharmacoeconomics. Residents who successfully complete an accredited PGY1 pharmacy residency are prepared for PGY2 specialty residencies and/or other patient care specialized positions.

## General Description

The 12-month program is based upon a variety of monthly core, elective and longitudinal practice experiences designed to provide expertise and confidence in various areas of clinical pharmacy practice as delineated in the ASHP Residency Practice Standards. These include, but are not limited to, ambulatory care, acute care (critical and surgical care), adult medicine, geriatrics, infectious disease, drug information, anticoagulation, management, hematology/oncology, spinal cord injury mental health, research and rural health. The resident will complete five required rotations (including one off-site rotation) as well as three elective rotations based on his/her interests and career goals.

## Program Goals

### Clinical

- Develop strategies for integrating into a multidisciplinary healthcare team
- Promote expertise in managing medication therapies in both acute and chronic settings
- Augment understanding of practice management at the institutional, regional, and national levels

### Academic

- Interpret and disseminate clinical pharmacotherapy knowledge effectively
- Foster innovative and rewarding precepting strategies
- Provide teaching experiences in small group learning environments
- Generate new knowledge in pharmacotherapy through original research

### Professional

- Cultivate techniques for self-assessment, goal setting, and career planning
- Demonstrate exemplary verbal and written communication skills
- Establish a personalized system for balancing multiple work-related responsibilities
- Recognize the importance of professional development through participation in pharmacy organization activities

## Program Activities

---

The residency experiences consist of 5-week rotations in the fall and 6-week rotations in the spring. Additionally, some rotation experiences are designed to be longitudinal in nature and will last the duration of the residency year. The resident schedule will consist of 5 required rotations (including one rural or “off-site” rotation) and 3 elective rotations. All rotation experiences are completed at the Dallas/Fort Worth VA Medical Center (VAMC) and corresponding Community Based Outpatient Clinics (CBOCs) unless otherwise noted below.

### **Required Rotations (Fall-5 weeks / Spring- 6 weeks)**

- Orientation
- Ambulatory Care
- Inpatient (fall)
- Inpatient (spring)
- Drug Information
- Geriatrics

### **Required Longitudinal Rotations**

- Anticoagulation Clinic
- Management
- Clinical Staffing
- Research

### **Elective On-site Rotations (5-6 weeks as scheduled)**

- Cardiopulmonary Intensive Care Unit
- Hematology/Oncology
- Infectious Disease
- Mental Health (inpatient, outpatient, and specialized opportunities)
- Rural Health
- Surgical/Thoracic Intensive Care
- Management (Administrative Leadership)
- Spinal Cord Injury
- Nutrition
- Heart Failure Clinic
- Women's Health
- Informatics

### **Practice Experiences**

- Rounding with health care professionals
- Practice-based projects
- Adverse drug reaction reporting (VA ADERS)
- Medication therapy management
- Education of health care professionals and precepting pharmacy students
- Pharmacokinetic consultations
- Participation in departmental and committee meetings
- Involvement in drug information services
- Clinical intervention documentations
- Participation in board certified pharmaceutical specialist reviews
- Opportunities with Texas Tech University Teaching Certificate Program

## **Residency Projects**

Residents will complete one research project per year and one quality improvement project per year. Residents may choose any type of research project or quality improvement program, provided that the project:

- 1) includes generation of original data;
- 2) is suitable for publication and presentation at a national pharmacy meeting;
- 3) can reasonably be completed within the residency year.

## **Teaching Activities**

---

Teaching activities for residents are designed to complement practice activities while allowing the resident to experience a variety of teaching methods. Residents will be required to demonstrate skills necessary to function in an academic setting by completing the following activities:

### **Clinician-Educator Residency Certificate Program**

The Clinician Educator Training Program is a program to provide training for PGY1 and PGY2 residents who are interested in developing their academic skills. The major goal of the training program is to supplement a strong clinical background with the skills needed to become a successful educator. The learning objectives for this program are to develop a personalized teaching philosophy, create evaluable learning objectives and corresponding exam questions for a formal lecture, evaluate students fairly, and to discuss effective teaching methodologies for a given scenario. The program includes didactic and web-based teaching models, mentored facilitator training for small group problem-based learning, and precepting of third and/or fourth-year Doctor of Pharmacy students. Residents also receive instruction in grant-writing, statistical analysis, and clinical trial design; submit a project proposal to the institutional review board; and collect, interpret, and publish their results. Additional activities are provided to enhance discovery, integration, and writing skills. The program also includes innovative discussion topics based on needs previously identified by new faculty members. While the program targets residents with an interest in academia, the skill sets gained through the Clinician-Educator Training Program are applicable to a broad range of career opportunities.

### **Didactic Teaching**

One to two hours of formal didactic lectures within the school of pharmacy programs may be required. The courses that are to be taught will be based on availability and resident interest.

### **Team-Based Learning/ Laboratory Based Learning**

One semester equivalent as a group facilitator in team-based learning course. The course will consist of interactive activities, including but not limited to case-based exercises. Students will be given an in-class pre-assessment from the preparatory assignments. Students will utilize team-based learning to complete activities each session. It is designed to be a team-based learning experience and the facilitator's role is not to teach the students, but rather to facilitate their discussion. During the semester, the course meets twice a week for two hours. Based on resident preference or teaching needs of the institution, residents may have the opportunity to lead laboratory-based sessions along with experienced faculty members. Residents have the opportunity to participate in Immunizations and/or Patient Assessment Laboratory courses in the P1 year.

**Experiential Teaching**

Clerkship teaching (involving P3 and/or P4 PharmD students) is integrated into the resident practice model. Early in the program, the resident will observe faculty clerkship preceptors and become integrated into various aspects of clerkship teaching. During the residency program, residents will independently precept clerkship students.

**Other Teaching/Educational Opportunities**

Residents will be required to provide in-services for pharmacy, nursing and medical services as required by preceptors. Residency topic discussions will be held on individual rotations as required and/or requested. Residents may also participate in the resident managed BCPS preparatory course.

## Additional Activities

---

**Resident Rounds**

Residents will present a formal 45-minute presentation with 15 minutes for question and answer to VANTHCS pharmacy staff in the fall. Residents must choose topics that are of sufficient controversy or debate that are candidates for further publication in the medical literature. These presentations are accredited for 1 hour of CE credit for pharmacists and pharmacy technicians.

**Presentations/Topic Discussions**

Residents will participate in the resident driven presentations and/or topic discussions which can include literature review, case application, clinical pearls, etc. Residents will complete at least 6 formal presentations and 6 journal clubs throughout the year which will be assessed and evaluated by those in attendance as well as in PharmAcademic.

**Manuscript Preparation**

Residents are required to submit one manuscript per year for publication in a referenced journal.

**Southwestern Leadership Conference (ALCALDE)**

Residents participate in this regional resident meeting, also known as ALCALDE, in the spring. Residents will have the opportunity to present their project results for evaluation in a podium presentation. It is also a great opportunity to interact with residents from other programs throughout the region.

**Poster Presentation**

Residents are required to present a poster of their research project at a national (preferred) or state professional meeting. In addition, a presentation towards the end of the residency year at our local facility may also be required.

**Resident Interviews**

Residents may be asked to participate in the interview process for the PGY1 residency program.

## Program Leadership

---



### **Christyn Mullen-Lee, PharmD, BCACP**

Clinical Pharmacy Program Manager for Education and Training

RPD PGY1 Pharmacy Residency Program

Practice Site: VA North Texas Health Care System

Dr. Christyn Mullen-Lee is the Clinical Pharmacy Program Manager for Education and Training at the VA North Texas Health Care System. Educating the next generation of pharmacists is her passion. In her current role, she oversees the student and residency programs and also serves as the PGY1 Pharmacy Residency Program Director. Dr. Mullen-Lee obtained her Bachelor of Science degree in Biology from Baylor University in Waco, Texas, and received her Doctor of Pharmacy degree from Howard University College of Pharmacy in Washington, D.C. She completed both her PGY1 Pharmacy Residency and her PGY2 Ambulatory Care Specialty Residency at the VA North Texas Health Care System and Texas Tech University School of Pharmacy in Dallas, Texas. Dr. Mullen-Lee is currently board certified in ambulatory care and serves as an Adjunct Clinical Assistant Professor at many schools and colleges of pharmacy across the state of Texas. She serves as the co-chair of the VA Interprofessional Preceptor Workgroup and is white-belt, yellow-belt, green-belt, and black-belt certified in Lean Six Sigma quality improvement practices. Dr. Mullen-Lee remains active through leadership and community involvement in various professional organizations including Kappa Psi Pharmaceutical Fraternity, Inc, ASHP and Alpha Kappa Alpha Sorority, Inc.



### **Lisa Nguyen, PharmD, BCGP, CDCES**

Ambulatory Care Clinical Pharmacist Practitioner

PGY1 Pharmacy Residency Program Co-Coordinator

Practice site: VA North Texas Health Care System  
Garland VA Medical Center

Dr. Nguyen is a PGY1 Pharmacy Residency Program Co-Coordinator and an Ambulatory Care Clinical Pharmacist Practitioner. She earned her Doctor of Pharmacy degree from the University of Oklahoma College of Pharmacy. Dr. Nguyen completed an ASHP accredited Pharmacy Practice Residency at Integris Baptist Medical Center in Oklahoma City, OK and an ASHP accredited Geriatric Pharmacy Specialty Residency at Charleston Area Medical Center in Charleston, WV. She is a member of the American Geriatrics Society and the American Society of Consultant Pharmacists. Her practice areas of interest include geriatrics, chronic disease management and research.

## **Residency Contact Information**

### **Christyn Mullen-Lee, PharmD, BCACP and Lisa Nguyen, PharmD, BCGP, CDCES**

VA North Texas Health Care System  
4500 S. Lancaster Rd (119)  
Dallas, TX 75216  
Email: [NTXPharmacyResidencyPrograms@va.gov](mailto:NTXPharmacyResidencyPrograms@va.gov)